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IAP9/Rec'd PCT/PTO 20 SEP 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Michitaka OHTAKI**

Application Number: **Not yet assigned**  
(§371 of international application No. PCT/JP2005/005088)

Filed: **September 20, 2006**

For: **POROUS THERMOELECTRIC MATERIAL AND PROCESS FOR  
PRODUCING THE SAME**

Attorney Docket Number: **062925**  
Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

September 20, 2006

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is enclosed herewith as well as an International Search Report mailed June 28, 2005.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosure: PTO/SB/08, Documents (22) & Int'l Search Report

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<b>Combined Form PTO/SB/08A&amp;B</b>  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>			
				Application Number	Not yet assigned		
				Confirmation Number			
				Filing Date	September 20, 2006		
				First Named Inventor	Michitaka OHTAKI		
				Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	062925		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Number	Kind Code <sup>2</sup> (if known)				
	1	US 6,670,539	B2	12/30/2003	Delphi Technologies, Inc.		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	2	JP	7-231121	A	8/29/1995	Tokyo Tekko Co., Ltd.	Abstract; Cited in ISR
	3	JP	11-298052	A	10/29/1999	Toshiba Corp	Abstract; Cited in ISR
	4	JP	11-317548	A	11/16/1999	Agency of Ind Science & Technol	Abstract; Cited in ISR
	5	JP	4-199859	A	7/21/1992	Matsushita Electric Industrial Co., Ltd.	Abstract; Cited in ISR; Corresponds to #1
	6	JP	4-199860	A	7/21/1992	Matsushita Electric Industrial Co., Ltd.	Abstract; Cited in ISR; Corresponds to #1
	7	JP	2-69367	A	3/8/1990	Showa Denko KK	Abstract; Cited in ISR
	8	JP	57-89212	A	6/3/1982	TDK Electronics Co Ltd	Abstract; Cited in ISR
	9	JP	1-93467	A	4/12/1989	Toshiba Tungaloy Co Ltd	Abstract; Cited in ISR
	10	JP	2001-144336	A	5/25/2001	Sumitomo Special Metals Co Ltd	Abstract; Cited in ISR
	11	JP	8-186293	A	7/16/1996	Seibu Gas KK et al.	Abstract; Cited in specification
	12	JP	2001-257390	A	9/21/2001	Unitaka Ltd	Abstract; Cited in specification
	13	JP	64-2380	A	1/6/1989	Idemitsu Petrochem Co Ltd	Abstract; Cited in specification
	14	JP	11-317548	A	11/16/1999	Agency of Ind Science & Technol	Abstract; Cited in specification
	15	JP	11-97751	A	4/9/1999	Daiken Kagaku Kogyo KK	Abstract; Cited in specification
	16	JP	2002-223013	A	8/9/2002	Kyocera Corp	Abstract; Cited in specification
	17	JP	2003-229605	A	8/15/2003	SK Kaken Co Ltd et al.	Abstract; Cited in specification
	18	JP	2002-84006	A	3/22/2002	Daiken Kagaku Kogyo KK	Abstract
	19	JP	3-215375	A	9/20/1991	Ibiden Co Ltd	Abstract
	20	JP	2001-247381	A	9/11/2001	Sumitomo Electric Ind Ltd	Abstract
	21	JP	2003-146762	A	5/21/2003	Kubota Corp	Abstract
	22	JP	63-255304	A	10/21/1988	Kobe Steel Ltd	Abstract

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				Art Unit	
Examiner Name					
Sheet	2	of	2	Attorney Docket Number	062925
<b>NON PATENT LITERATURE DOCUMENTS</b>					
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.</b>			<b>Translation<sup>6</sup></b>
	23	OHTAKI M. et al., "Thermoelectric properties of Al-doped ZnO sintered with nanosized void forming agents", Proc. 22 <sup>nd</sup> Int. Conf. Thermoelectrics, IEEE, Piscataway, pp. 171-174 (2003)			
	24	International Search Report mailed June 28, 2005 of International Application PCT/JP2005/005088			
<b>Examiner Signature</b>				<b>Date Considered</b>	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.